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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/630,178	07/29/2003	Bhushan Mangesh Kanekar	01935	7658
	7590 10/24/200 FICE OF KIRK D. WII	EXAMINER		
PO BOX 39425		BADII, BEHRANG		
DENVER, CO 80239-0425			ART UNIT	PAPER NUMBER
			3694	
			MAIL DATE	DELIVERY MODE
			10/24/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)				
Office Action Comment	10/630,178	KANEKAR ET AL.				
Office Action Summary	Examiner	Art Unit				
	BEHRANG BADII	3694				
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply						
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).						
Status						
1)⊠ Responsive to communication(s) filed on <u>05 Ma</u>	arch 2008					
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	<i>;</i> —					
	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.					
closed in accordance with the practice under Ex pane Quayle, 1955 C.D. 11, 455 C.G. 215.						
Disposition of Claims						
4)⊠ Claim(s) <i>1-12,16-18 and 21-25</i> is/are pending i	4)⊠ Claim(s) <u>1-12,16-18 and 21-25</u> is/are pending in the application.					
	4a) Of the above claim(s) is/are withdrawn from consideration.					
5) Claim(s) is/are allowed.						
6) Claim(s) is/are rejected.						
7) Claim(s) is/are objected to.	· · · · · · · · · · · · · · · · · · ·					
8) Claim(s) <u>1-12,16-18 and 21-25</u> are subject to re	estriction and/or election requiren	nent				
0)23 Claim(0) 7 72, 10 10 and 27 20 are subject to 10	sourious rand, or stocker requires	non.				
Application Papers						
9)☐ The specification is objected to by the Examiner.						
10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.						
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).						
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.						
Priority under 35 U.S.C. § 119						
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).						
a) ☐ All b) ☐ Some * c) ☐ None of:						
·- <u>-</u> ·-						
	1. Certified copies of the priority documents have been received.					
2. Certified copies of the priority documents have been received in Application No						
3. Copies of the certified copies of the priority documents have been received in this National Stage						
application from the International Bureau (PCT Rule 17.2(a)).						
* See the attached detailed Office action for a list of the certified copies not received.						
Attachment(s)						
1) Notice of References Cited (PTO-892) 4) Interview Summary (PTO-413)						
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date 5) Notice of Informal Patent Application						
3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date 5) Notice of Informal Patent Application 6) Other:						

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DETAILED ACTION

Election/Restrictions

Restriction to one of the following inventions is required under 35 U.S.C. 121:

- I. Claims 5-7, 10-12 and 16-18, drawn to a method/apparatus for generating accounting data, the method comprising: identifying a lookup value; performing a lookup operation in an associative memory based on the lookup value to identify an associative memory result; performing a lookup operation on an adjunct memory based on the associative memory result to identify a counter indication, wherein at least two entries within the adjunct memory include a same counter indication; and updating one of a plurality of counters based on the counter indication, classified in class 705, subclass 30.
- II. Claims 8-9, drawn to a method for generating accounting data, the method comprising: identifying a lookup value, wherein the lookup value includes at least one autonomous system number, said at least one autonomous system number identifying a set of communication devices under a single administrative authority, classified in class 705, subclass 34.
- III. 21-25, drawn to an apparatus, comprising: one or more processors and memory, wherein the memory stores one or more instructions that, when executed by said one or more processors, perform operations comprising: configuring a mechanism for accumulating information based on an access control list including a plurality of access control list entries, with one or more of the plurality of access control list entries identifying accounting requests; said configuring the mechanism including: associating

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accounting mechanisms with each of said one or more of the plurality of access control list entries identifying accounting requests; and wherein at least one of the plurality of access control list entries identifies a deny operation and at least one of the plurality of access control list entries identifies a permit operation, classified in class 705, subclass 39.

IV. Claims 1-4, drawn to a method, comprising: for each particular item of a plurality of items: identifying a particular accounting mechanism of said accounting mechanisms corresponding to the particular item based on matching the particular item with said one or more of the plurality of access control list entries; and in response, updating the particular accounting mechanism corresponding to the particular item, classified in class 705, subclass 35.

The inventions are distinct, each from the other because of the following reasons:

Inventions I, II, III and IV are related as subcombinations disclosed as usable together in a single combination. The subcombinations are distinct from each other if they are shown to be separately usable. In the instant case, invention I has separate utility such as identifying a lookup value; performing a lookup operation in an associative memory based on the lookup value to identify an associative memory result; performing a lookup operation on an adjunct memory based on the associative memory result to identify a counter indication, wherein at least two entries within the adjunct memory include a same counter indication; and updating one of a plurality of counters based on the counter indication. Invention II has separate utility such as identifying a lookup value, wherein the lookup value includes at least one autonomous system

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number, said at least one autonomous system number identifying a set of communication devices under a single administrative authority. Invention III has separate utility such as one or more processors and memory, wherein the memory stores one or more instructions that, when executed by said one or more processors, perform operations comprising: configuring a mechanism for accumulating information based on an access control list including a plurality of access control list entries, with one or more of the plurality of access control list entries identifying accounting requests; said configuring the mechanism including: associating accounting mechanisms with each of said one or more of the plurality of access control list entries identifying accounting requests; and wherein at least one of the plurality of access control list entries identifies a deny operation and at least one of the plurality of access control list entries identifies a permit operation. Invention IV has separate utility such as for each particular item of a plurality of items: identifying a particular accounting mechanism of said accounting mechanisms corresponding to the particular item based on matching the particular item with said one or more of the plurality of access control list entries; and in response, updating the particular accounting mechanism corresponding to the particular item. See MPEP § 806.05(d).

Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.

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Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Behrang Badii whose telephone number is 571-272-6879. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Trammell can be reached on 571-272-6712. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

or faxed to (571)273-8300

Hand delivered responses should be brought to

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United States Patent and Trademark Office Customer Service Window Randolph Building 401 Dulany Street Alexandria, VA 22314

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 3600 Customer Service Office whose telephone number is **(571) 272-3600**.

Behrang Badii Patent Examiner Art Unit 3621

/Behrang Badii/ Examiner, Art Unit 3694